

# ANGp101/LT/UHV - goniometer for "phi" tilting

1002743

## Technical Specifications

|                                      |                                |
|--------------------------------------|--------------------------------|
| <b>Size and Dimensions</b>           |                                |
| footprint; height                    | 24 mm x 24 mm; 11 mm           |
| distance center of rotation to top   | 51 mm                          |
| maximum installation space           | 28.6 mm x 24 mm; 11.8 mm       |
| weight                               | 18 g                           |
| height                               | 11 mm                          |
| <b>Materials</b>                     |                                |
| positioner body                      | titanium                       |
| actuator                             | PZT ceramics                   |
| connecting wires                     | insulated twisted pair, copper |
| <b>Coarse Positioning Mode</b>       |                                |
| travel range (step mode)             | 5.4 °                          |
| maximum drive velocity @ 300 K       | ~ 1 °/s                        |
| input voltage range                  | 0 - 60 V                       |
| <b>Fine Positioning Mode</b>         |                                |
| fine positioning resolution          | no fine positioning capability |
| <b>Load (@ ambient conditions)</b>   |                                |
| maximum load                         | 100 g                          |
| maximum dynamic force along the axis | 2 N                            |
| <b>General Specifications</b>        |                                |
| environment                          | /LT/UHV                        |

